README

The following describes the files contained in the supplementary material.

Purchasing\_list

- This excel file lists all the components used in the project, as well as provides url locations for where they can be purchased and the price.

/Arduino/Importing\_data.py

- A simple python script to read data from the Arduino. Requires the user to input the name of the ComPort that the USB connection is plugged in to.

/Arduino/Arduino\_code.

* Code to upload to the Arduino Nano micro-controller. Requires libraries.

/Arduino/Library\_list

- A list of all the required libraries. These can be installed in the Arduino IDE.

/Light-Tight Enclosure/LightTightEnclosureBox.pdf

* Light-tight enclosure box CAD drawing

/Light-Tight Enclosure/LightTightEnclosureLid.pdf

* Light-tight enclosure lid CAD drawing

/Light-Tight Enclosure/LightTightEnclosureBoxCNC.dwg/stp

* CNC files

/OLEDScreenCase/OLEDScreenCase.stp

* File for programing the 3D printer to print the OLED screen protective case.

/PCBFiles/SMT\_reference.xlxs

* The component reference numbers for the full circuit. Tells you what values of components to put where.

/PCBFiles/MAIN\_PCB.zip

* This zip file contains the Gerber files to print the MAIN PCB. This board requires a 5x5 cm PCB.

/PCBFiles/SiPM\_PCB.zip

* This zip file contains the Gerber files to print the SiPM PCB. This board requires a 11x50 mm PCB.